

Rev. 6-15-53, Part 2 Sketch, J.C.R.
Rev. 7-7-53, Index of sheets, J.C.R.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	AA-13	1	

UNIT 2

INDEX OF SHEETS

- SHEET NO. 1 SKETCH MAP, TITLE PAGE AND TABULATION OF LENGTH & DESIGN DATA
- 2 TYPICAL SECTION AND GENERAL NOTES
- 3 SUMMARY OF APPROXIMATE QUANTITIES
- 4 SURFACING PLAN, SUB-BASE MATERIAL PLAN, FENCING, R.O.W. MARKERS AND TIMBER GUARD POSTS
- 5 PIT LOCATIONS
- 6-7 LIST OF STRUCTURES
- 8 STANDARD MARKER POSTS M-7-B
- 9 STANDARD TIMBER GUARD POSTS M-19-D
- 10 STANDARD WIRE FENCE WITH WOODEN POSTS M-24-H
- 11 STANDARD METHODS FOR SUPERELEVATION & WIDENING OF CURVES M-1-B
- 12 STANDARD SIDE APPROACH ROADS, FLARING, CUT SLOPE TREATMENT & WIDENING AT BRIDGES & AT CREST OF GRADES M-2-DM
- 13 STANDARD ROADWAY CONSTRUCTION TRAFFIC SIGNS M-29-A
- 14 STANDARD TYPES OF RAILROAD WARNING SIGNS M-18-B
- 15 STANDARD TYPES OF DITCHES AND CONSTRUCTION METHODS M-107-C
- 16-26 PLAN AND PROFILE SHEETS
- 27-77 CROSS SECTIONS
- 78 SUMMARY OF EARTHWORK QUANTITIES
- 40 DETAILS FOR INTERSECTION STA. 348+ (S.H. 93) - STA. 572+ (S.H. 72)
- 4b DETAILS FOR INTERSECTION STA. 276+

COLORADO STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. AA-13 UNIT NO. 2 STATE HIGHWAY NO. 72 & 93 JEFFERSON COUNTY

CONVENTIONAL SIGNS

CENTER LINE
RIGHT-OF-WAY LINE
COUNTY LINE
SECTION LINE
QUARTER SECTION LINE
RAILROAD
BARBED WIRE FENCE
WOVEN WIRE - COMBINATION FENCE
TELEPH. & TELEG. LINE
POWER LINE
WATER MAIN
PRESENT ROAD (PLAN SHEETS)

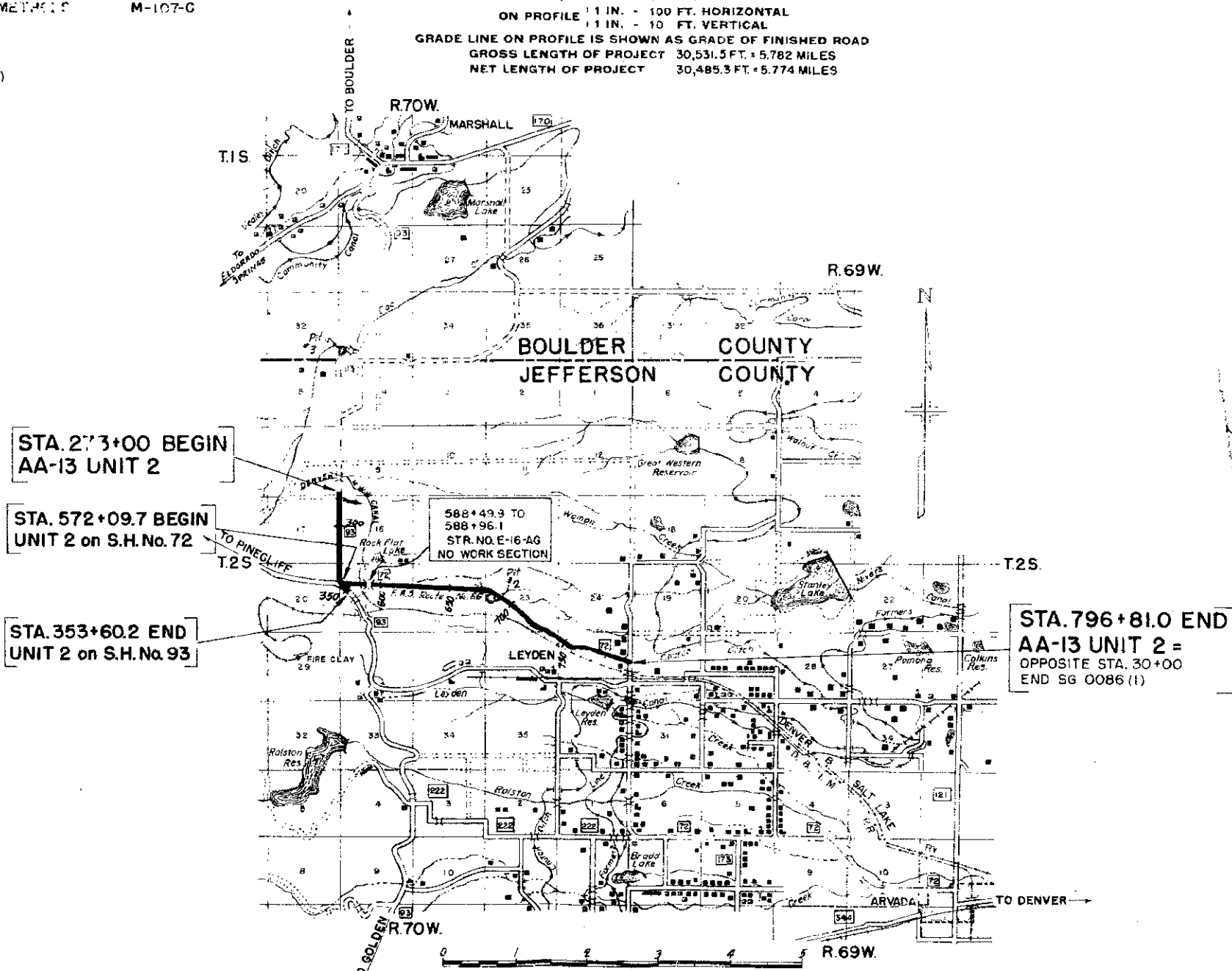
SCALE OF ORIGINAL TRACINGS

ON PLAN, 1 IN. = 100 FT.
ON PROFILE 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT 30,531.5 FT. = 5.782 MILES
NET LENGTH OF PROJECT 30,485.3 FT. = 5.774 MILES

TABULATION OF LENGTH AND DESIGN DATA

STATION	ROADWAY	MAJOR STRUCT. NO WORK SECTION	
		LIN. FT.	LOADING
273+00 BEGIN AA-13 UNIT 2		8,060.2	
353+60.2 END UNIT 2 on S.H. No. 93			
572+09.7 BEGIN UNIT 2 on S.H. No. 72 = OPP. STA. 348+06.9 ON UNIT 2 S.H. NO. 93		1,640.2	
588+49.9 BRIDGE 588+96.1		46.2	H-15-28
796+81.0 END UNIT 2 = OPP. STA. 30+00 END SG 0086 (1)		20,784.9	
TOTAL UNIT 2 on S.H. No. 93		8,060.2	
TOTAL UNIT 2 on S.H. No. 72		22,425.1	46.2
SUMMARY			
		LIN. FT.	MILES
ROADWAY UNIT 2 on S.H. No. 93		8,060.2	1.527
ROADWAY UNIT 2 on S.H. No. 72		22,425.1	4.247
NO WORK SECTION		46.2	0.008
TOTAL NET LENGTH AA-13 UNIT 2		30,485.3	5.774
TOTAL GROSS LENGTH AA-13 UNIT 2		30,531.5	5.782
DESIGN DATA			
MAXIMUM DEGREE OF CURVE		10°45'	
MAXIMUM GRADE		6.0 %	
MINIMUM N.P.S.D. Horizontal		390 ft.	
MINIMUM N.P.S.D. Vertical		580 ft.	
MAXIMUM DESIGN SPEED		35 M.P.H. (Intersection)	



NOTICE TO BIDDERS

It is recommended that bidders on this Project go over the plan details with one of the following field representatives of the Department:

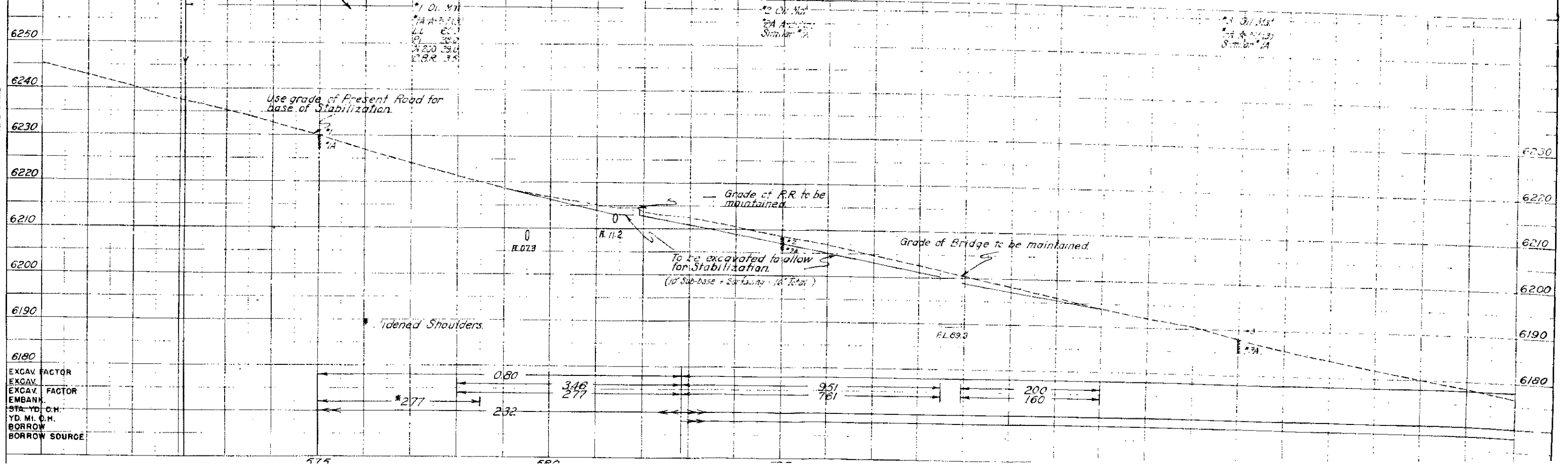
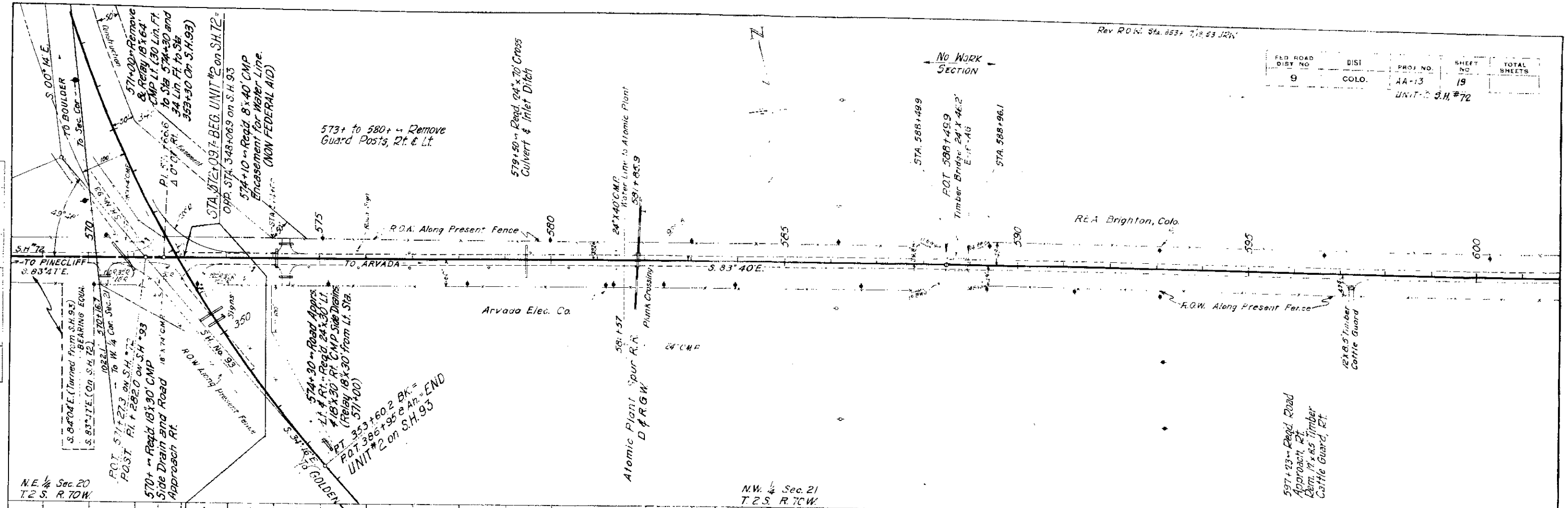
Glen McElowney, Construction Engr.,
Denver, Colorado.
Paul Morley, Resident Engineer,
Denver, Colorado.

COLORADO DEPARTMENT OF HIGHWAYS	
APPROVED:	DATE
CHIEF ENGINEER	DATE

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
RECOMMENDED FOR APPROVAL	
DISTRICT ENGINEER	DATE
APPROVED:	DATE

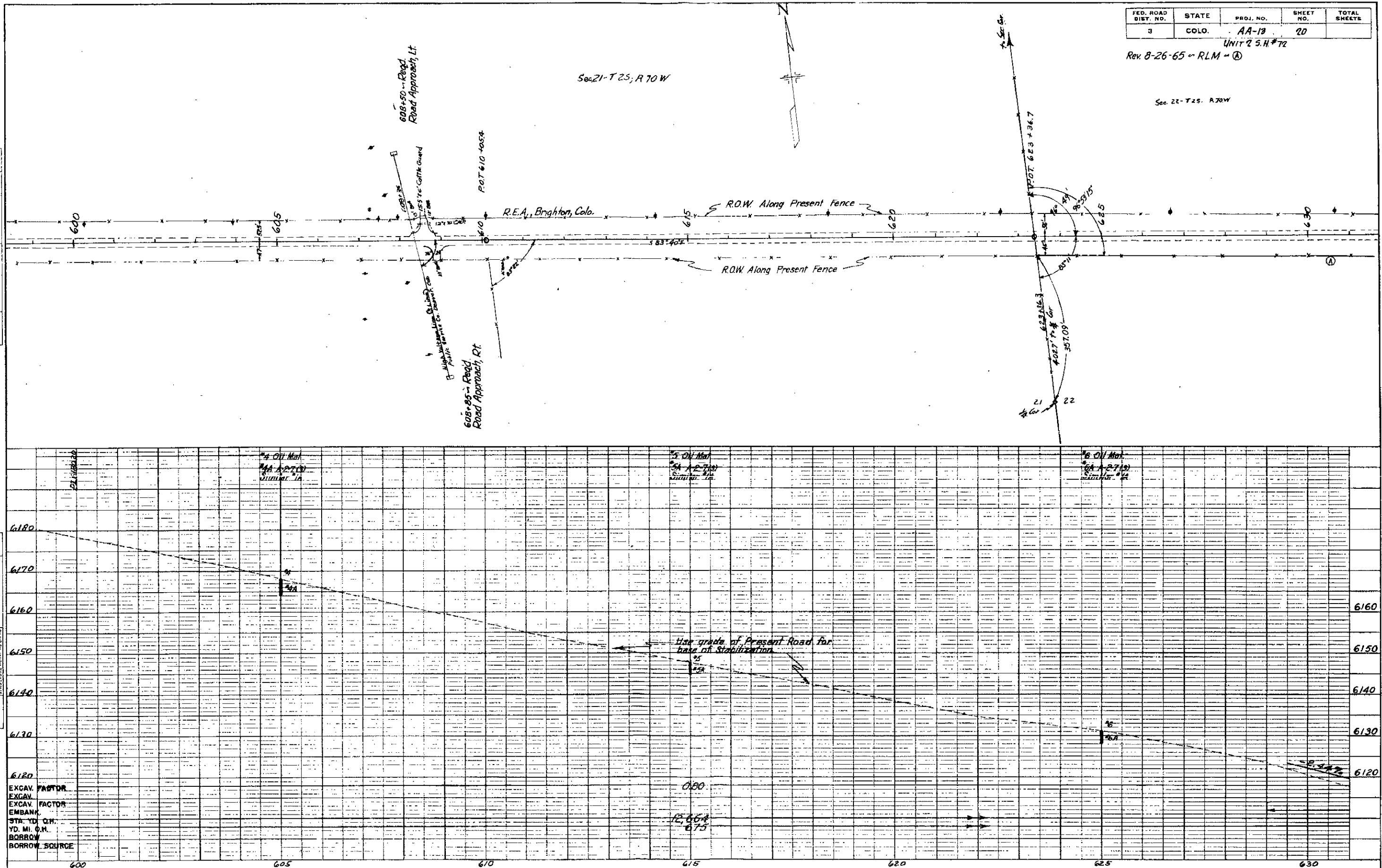
Rev R.O.W. Sta. 553+71.23 J.R.W.

FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	AA-13	19	
UNIT 2 S.H. #72				



PLAN	SURVEYED BY NOTE BOOK ALIGNED CHECKED NO. 1007	DATE 7-2-72
SURVEYED BY NOTE BOOK ALIGNED CHECKED NO. 1007		DATE 7-2-72

PROFILE	SURVEYED BY NOTE BOOK GRADES CHECKED NO. 1007	DATE 7-2-72
SURVEYED BY NOTE BOOK GRADES CHECKED NO. 1007		DATE 7-2-72



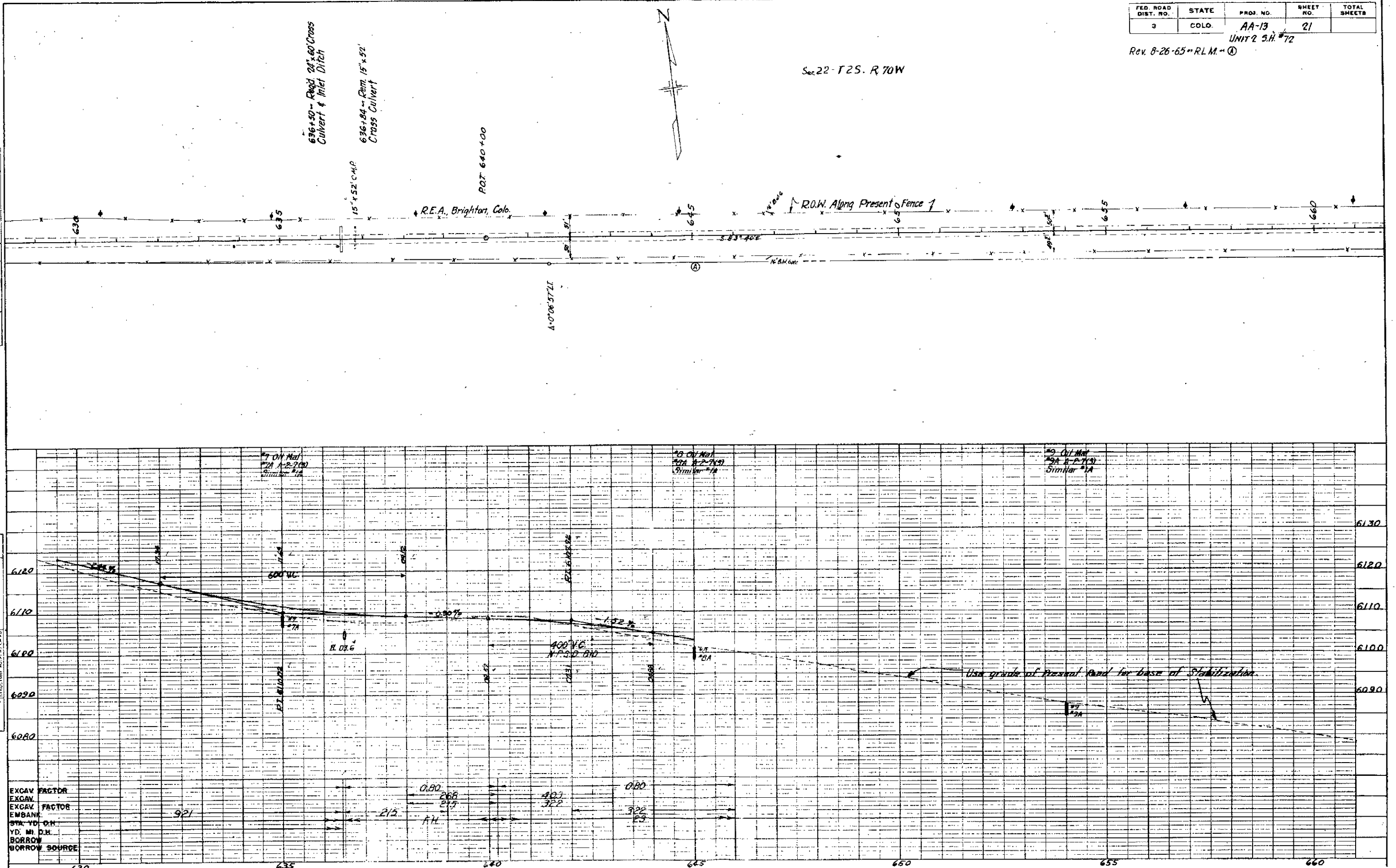
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3	COLO.	AA-13	20	

UNIT 2 S.H.#72
Rev. 8-26-65 - RLM - (A)

Sec. 22-T 2S, R 70W

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	AA-13	21	

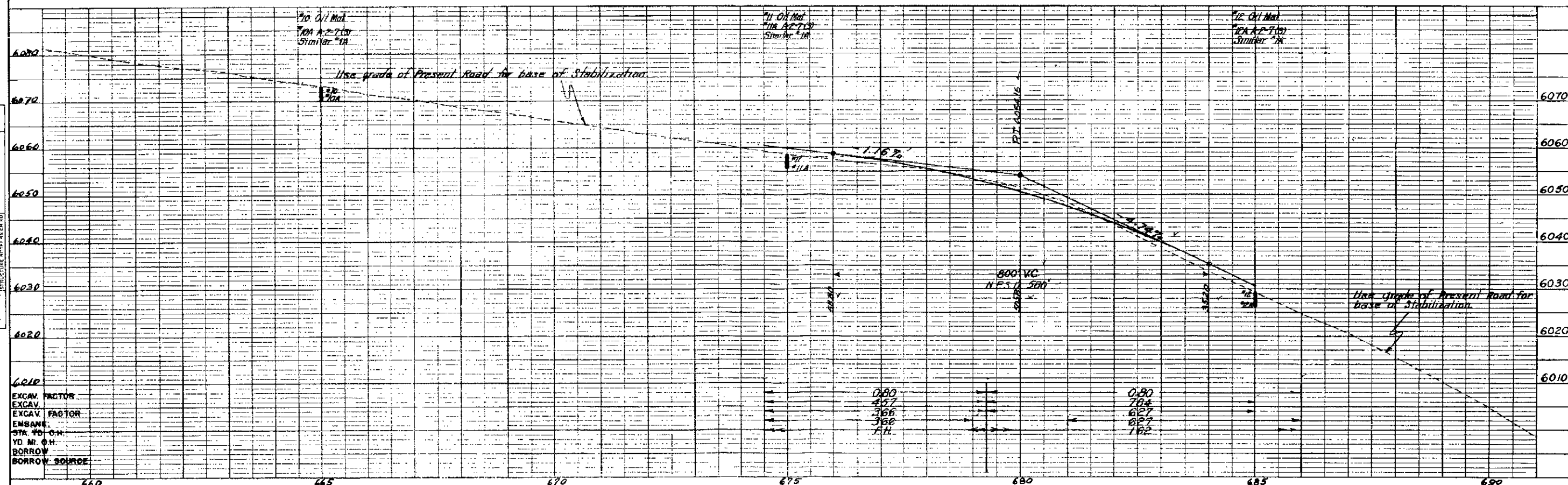
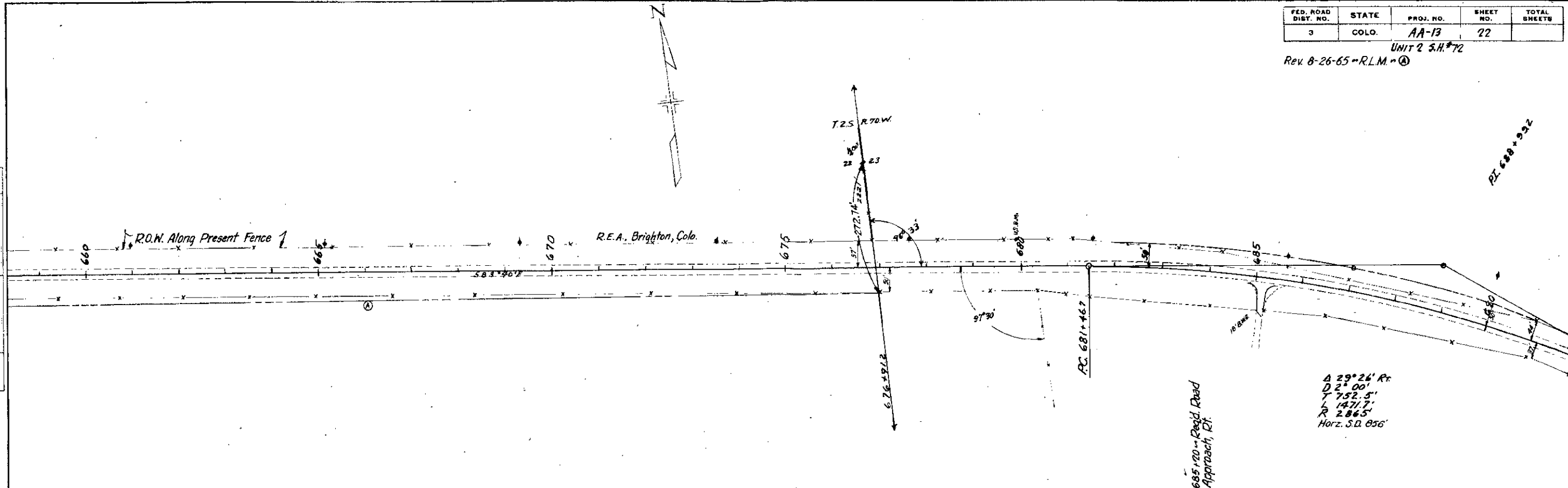
UNIT 2 S.H. #72
Rev. 8-26-65 "RLM." (A)



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	AA-13	22	

UNIT 2 S.H.#72

Rev. 8-26-65-R.L.M. (A)



PLAN
SHEET NO. 22
TOTAL SHEETS 22
UNIT 2 S.H.#72
Rev. 8-26-65-R.L.M. (A)

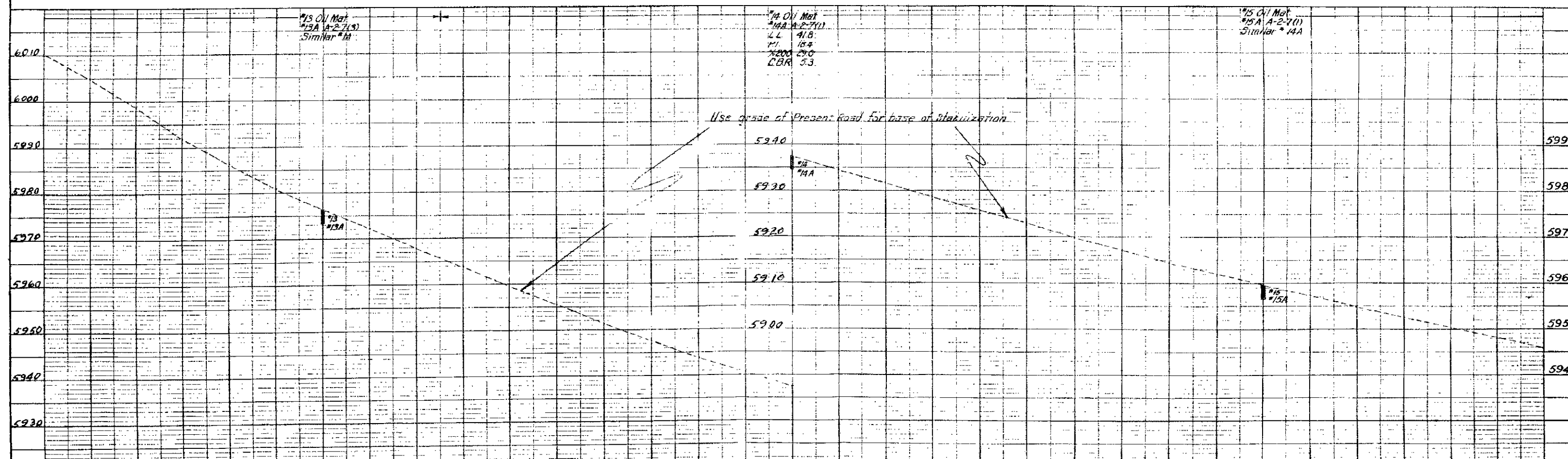
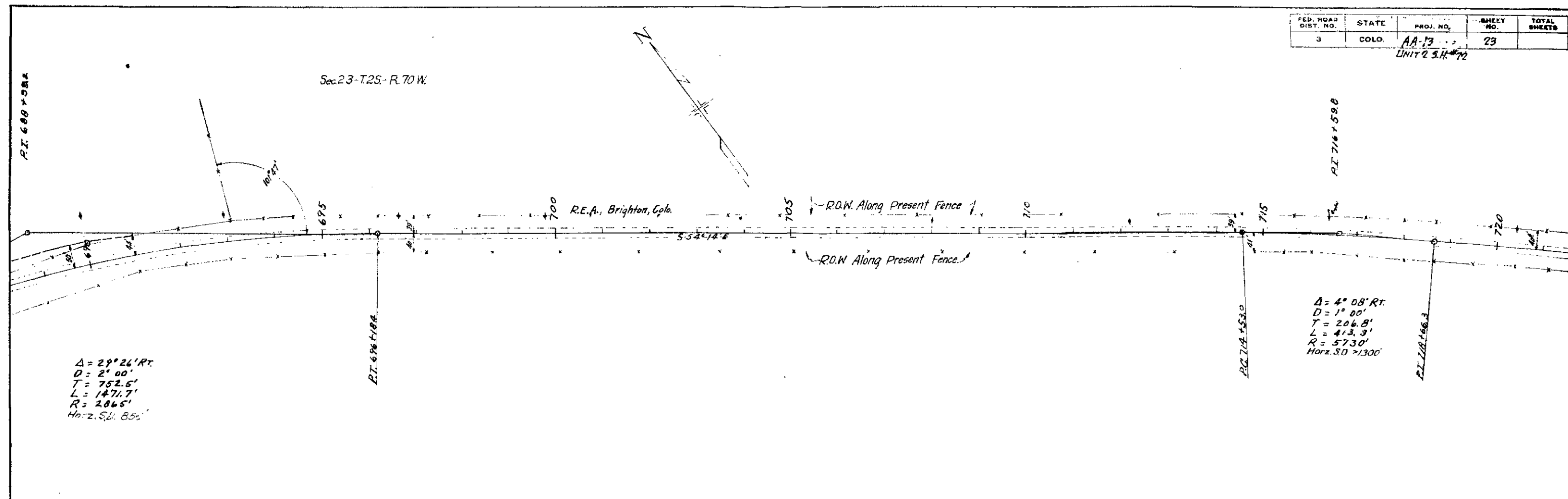
PROFILE
SHEET NO. 22
TOTAL SHEETS 22
UNIT 2 S.H.#72
Rev. 8-26-65-R.L.M. (A)

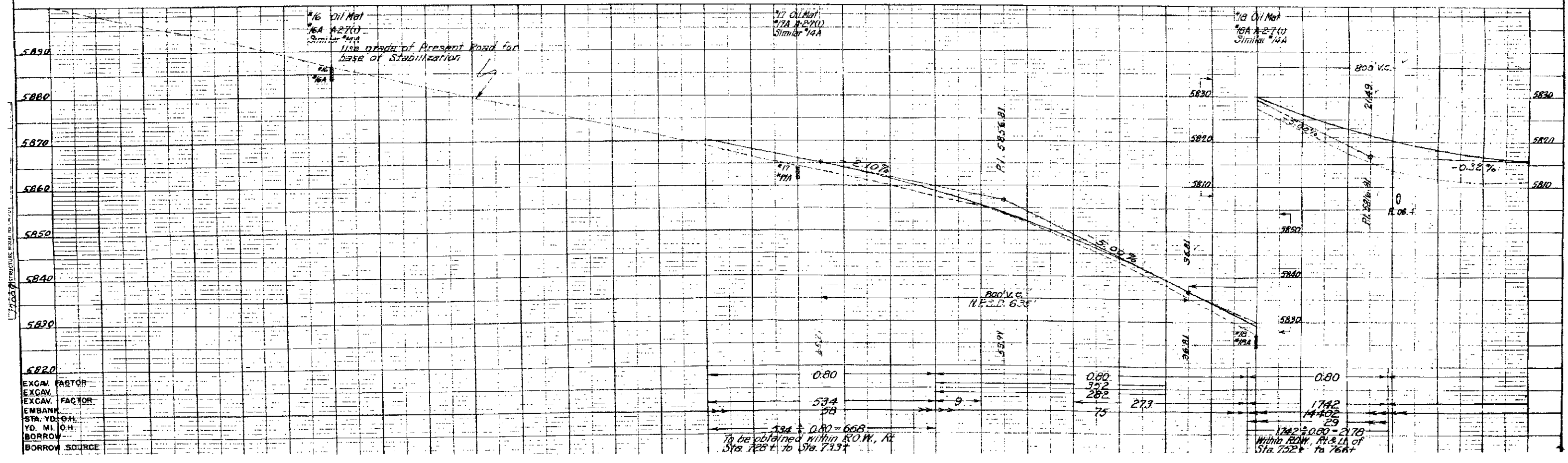
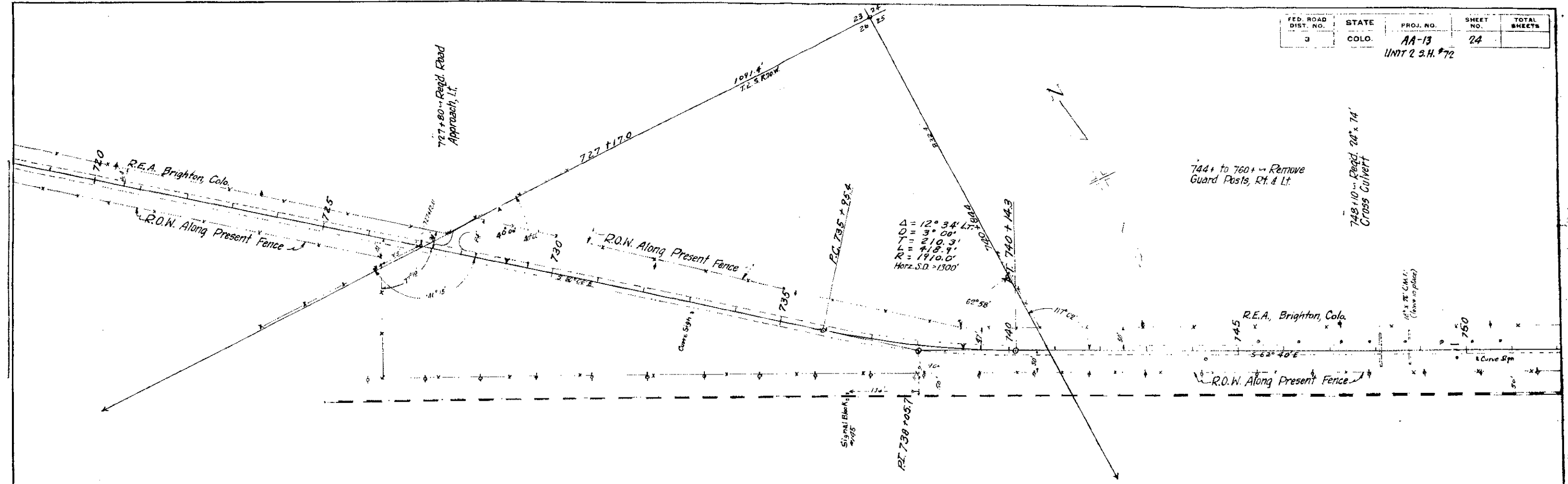
EXCAV. FACTOR
EXCAV.
EXCAV. FACTOR
ENSURE
STA. TO CH.
VD. NO. CH.
BORROW
BORROW SOURCE

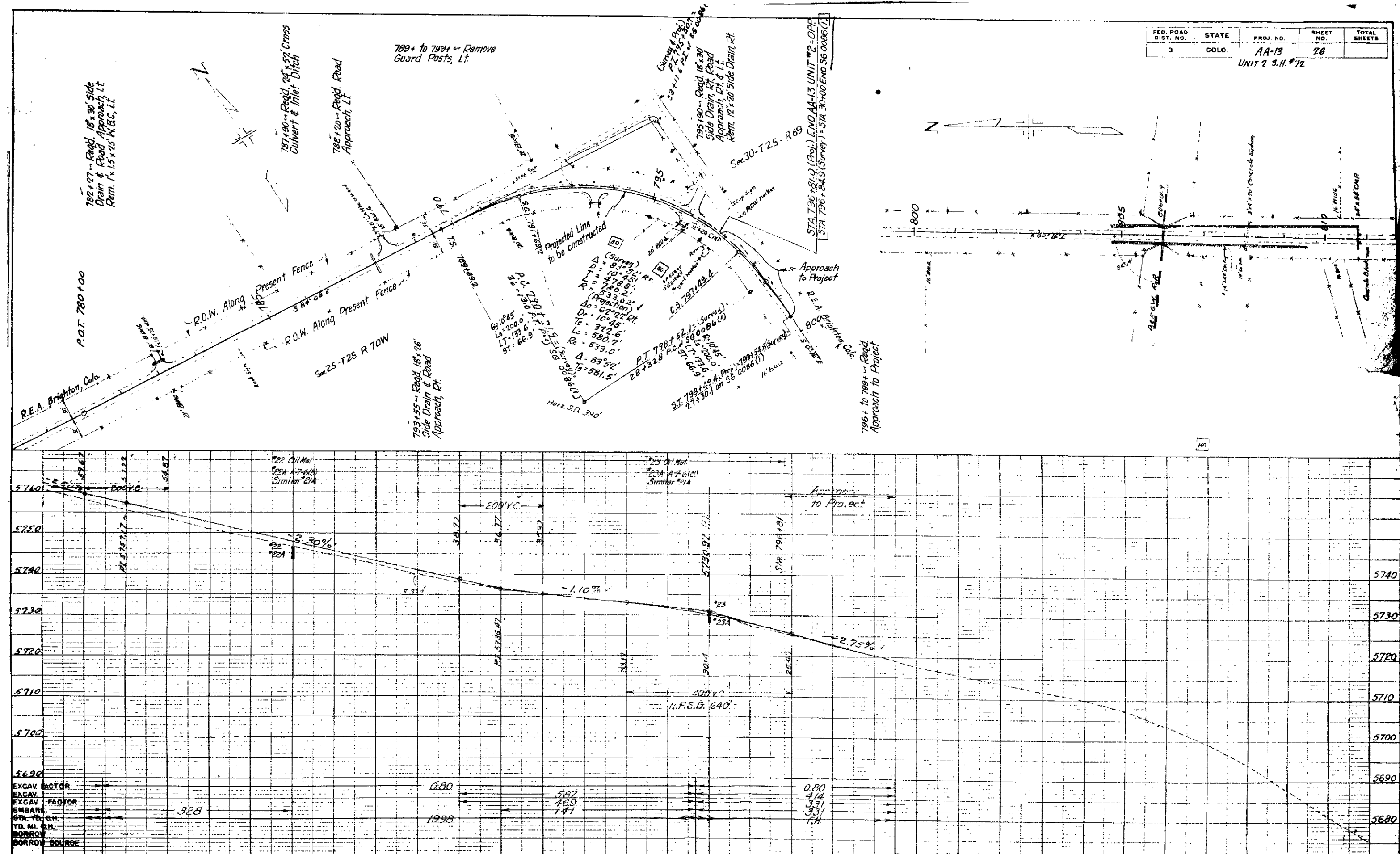
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	AA-13	23	

UNIT 2 S.H. #72

Sec. 23-T.25-R.70 W.

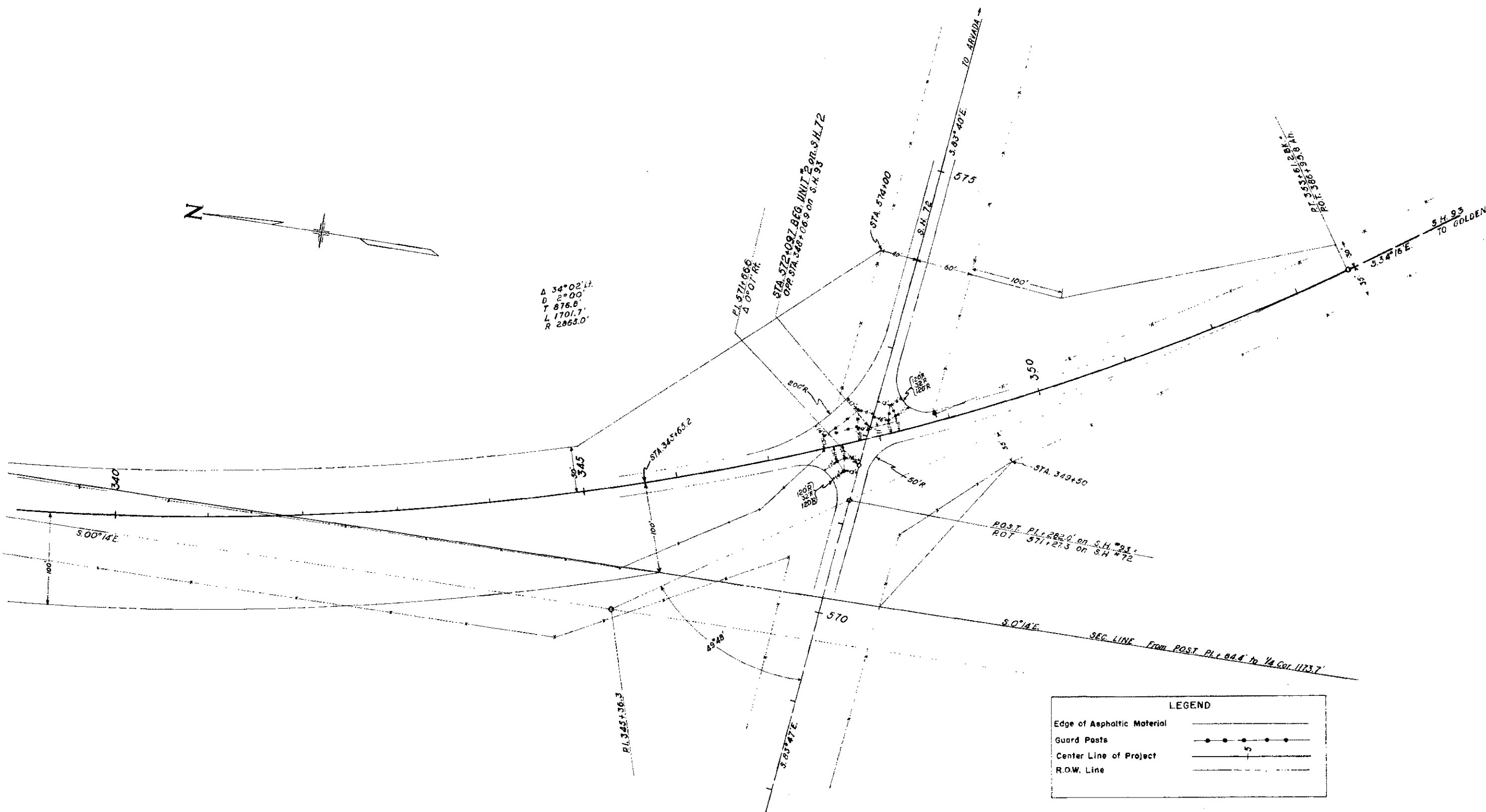




UNIT 2 S.H. #72

{ STA. 348+ (S.H. 93)
 STA. 572+ (S.H. 72)

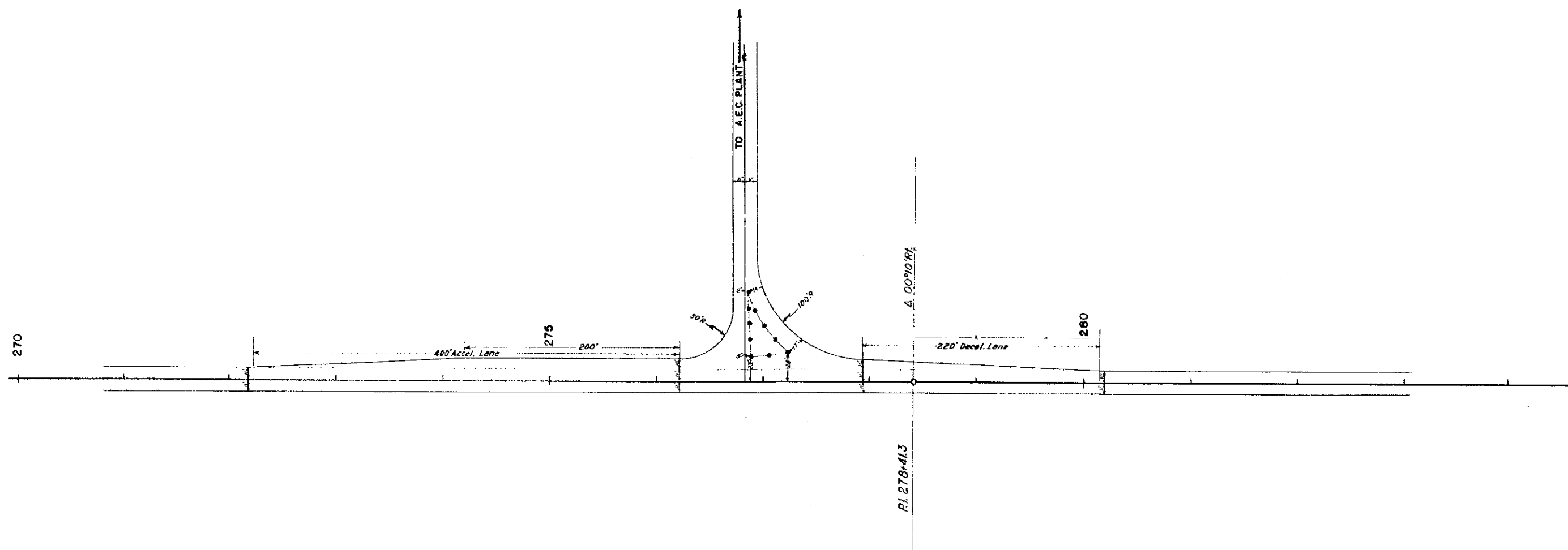
Added Sheet 7-7-53, J.C.R.



FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
8	COLORADO	AA-13 UNIT 2	4b	

Added Sheet 7-7-53, J.C.R.

DETAILS FOR INTERSECTION STA. 276+



LEGEND	
Edge of Asphaltic Material	———
Centerline of Project	———
Guard Posts	• • • • •
Centerline of Approach	———

Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office.

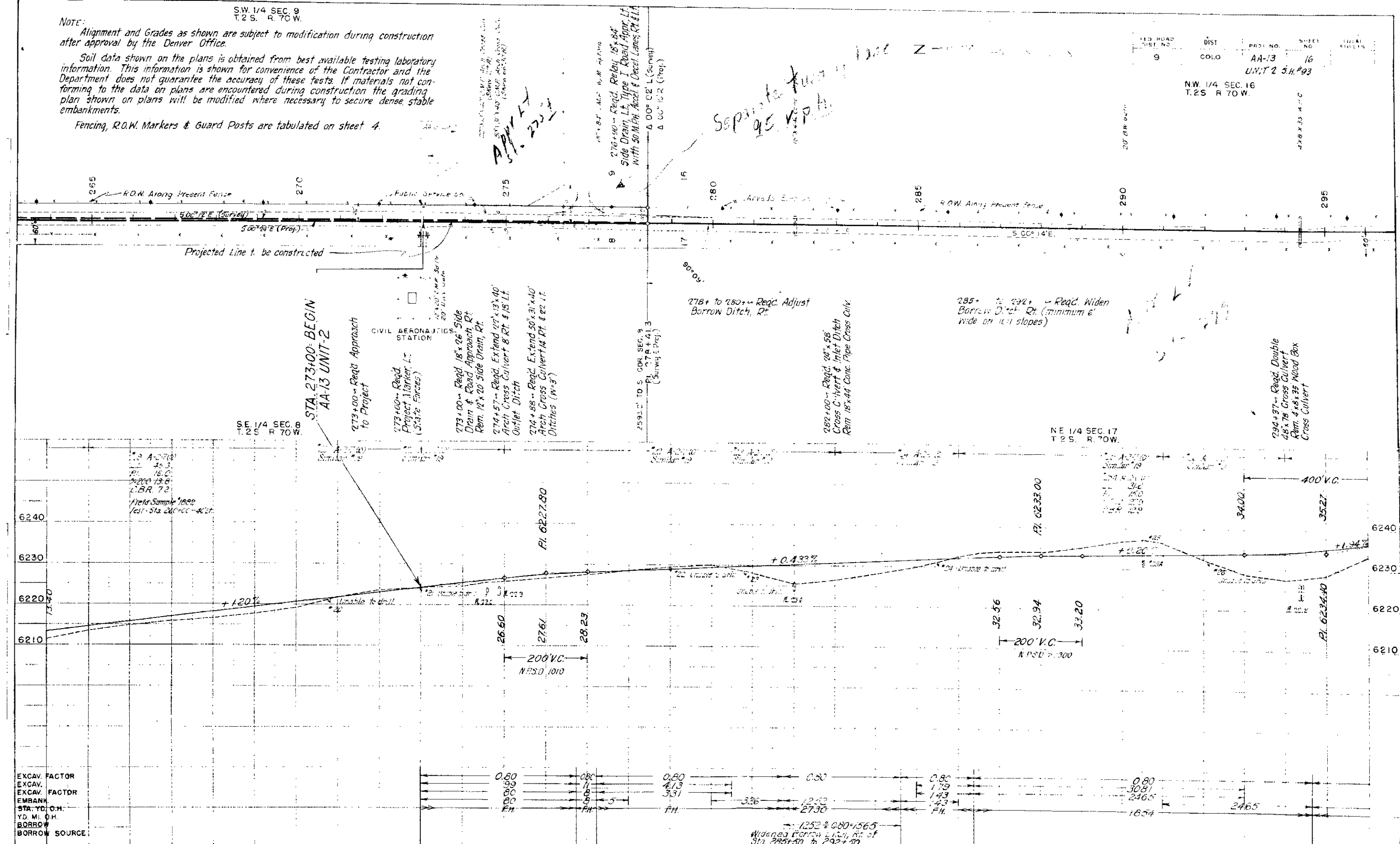
Soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction the grading plan shown on plans will be modified where necessary to secure dense stable embankments.

Fencing, R.O.W. Markers & Guard Posts are tabulated on sheet 4.

S.W. 1/4 SEC. 9
T. 2 S. R. 70 W.

RED ROAD DIST NO.	DIST	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO	AA-13	16	
		UNIT 2 S.H. #93		

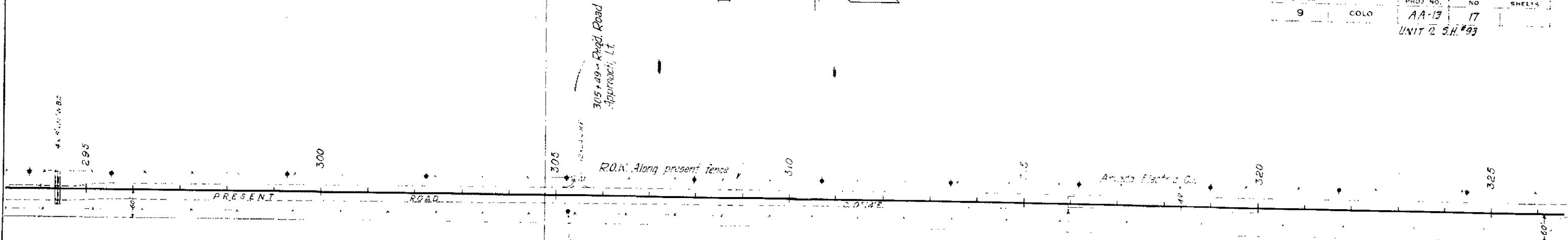
N.W. 1/4 SEC. 16
T.2S R.70W.



1.2 1/4 SEC 16
T.2S., R.70W.

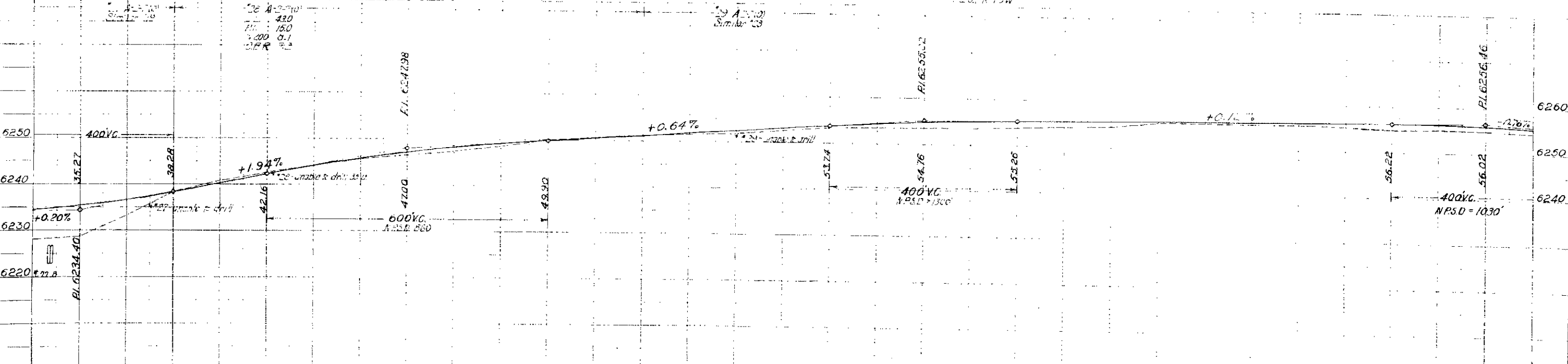
1.2 1/4 SEC 16
T.2S., R.70W.

FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	AA-13	17	
UNIT 2 S.H. #93				



11.1 1/4 SEC 17
T.2S., R.70W.

11.1 1/4 SEC 17
T.2S., R.70W.



EXCAV. FACTOR	0.80
EXCAV.	1680
EXCAV. FACTOR	13.44
EMBANK.	56
STA. YD. O.M.	3971
YD. MI. O.M.	
BORROW	
BORROW SOURCE	

Sta 310+00 to Sta 333+00 ~ Sub-Base Material Only

